

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. LAM1P152/P0692

	71			_				
As a below-named inv	ventor, I here	by declare that:						
My residence, post of	fice address	and citizenship a	re as stated be	low next to my name.				
I believe that I am the plural names are liste USE OF AMMONIA	d below) of	the subject matt	er which is cla	imed and for which	a patent is s	ought or	st and join the inven	t inventor (if tion entitled:
(check one)	1.	is attached her	eto.					
	2.	was filed on				_ as		
		and was amen	ded on			 '		
	3. [l was filed on				as		
	ے, ا			on No				
		and was amen	ded on			 		
I hereby state that I amended by any ame			and the conten	ts of the above-ident	tified specif	ication, i	including t	he claims, as
I acknowledge the d 37, CFR § 1.56.	uty to disclo	se information v	vhich is materi	al to the examination	of this app	lication i	n accordar	nce with Title
Prior Foreign Appl	ication(s)							
for patent or inventor than the United Statinventor's certificate	or's certificat ites, listed b	e, or § 365(a) o elow and have	f any PCT Into identified belo	States code, § 119(a)- ernational application ow, by checking the a filing date before	which desi box, any f	gnated a foreign a	t least one pplication	for patent or
claimed:		,					y Benefits	Claimed?
			 -	(Diller Dete)		Yes	_ No	
(Application No.)		(Country)		(Filing Date)				
						Yes	_ No	
(Application No.)		(Country)		(Filing Date)				
Provisional Applic	ation(s)	•						
I hereby claim the b	enefit under	35 U.S.C. §119((e) of any Unite	ed States provisional	application(s	s) listed l	pelow:	
(Application No.)		(Fil	ing Date)					
(Application No.)		(Fil	ling Date)					

Atty. Dkt. No.: LAM1P152/P0692

(Revised 3/29/99)

Page 1 of 3

Prior U.S. Application(s)

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International appli application is not paragraph of Title as defined in Title	ication des disclosed 35, United 37, Code	der Title 35, United States Code, § 12 ignating the United States, listed below in the prior United States or PCT I is States Code, § 112, I acknowledge the of Federal Regulations, § 1.56 which brational filing date of this application:	and, insofar as the solution of the solution of the contraction of the	subject matter of tion in the mater formation which	of each of the claims of this nner provided by the first is material to patentability
				J	
(Application No.)		(Filing Date)	(Status - patente	a, pending, aba	andoned)
(Application No.))	(Filing Date)	(Status - patente	ed, pending, aba	andoned)
Power of Attorn	ey				
And I hereby app Number 022434 Office connected	as my prin	w firm of Beyer Weaver & Thomas, I cipal attorneys to prosecute this applic	LLP and all practition and to transac	ners who are as	ssociated with the Customer in the Patent and Trademark
Direct Correspondence To:		BEYER WEAVER & THO P.O. Box 778	Customer Number: 022434 BEYER WEAVER & THOMAS, LLP P.O. Box 778 Berkeley, CA 94704-0778		22434 ND TRADEMARK OFFICE
belief are believe	that all sta	tements made herein of my own know e; and further that these statements were by fine or imprisonment, or both, und	ledge are true and the made with the known	hat all statemen	liful false statements and the
		may jeopardize the validity of the app			
Typewritten Full Sole or First Inve		CHOK W. HO	Citize	enship:	USA
Inventor's signs	ature:	Chokw. Ho	Date	of Signature:_	10 February 2001
Residence:	(City)	Milpitas	(State	e/Country)	CA/USA
Post Office Add	ress:	372 Meadowhaven Way, Mil	lpitas, Califo	rnia 95035	5
Typewritten Full Second Inventor		KUO-LUNG TANG	Citize	enship:	Taiwan
Inventor's sign	ature:		Date	of Signature:_	
Residence:	(City)	Hsin-Chu	(State	e/Country) _	Taiwan/ROC

Atty. Dkt. No.: LAM1P152/P0692

(Revised 3/29/99)

Page 2 of 3

Post Office Address: 9F, No. 310, Lane 1050, Ming-Hu Rd., Hsin-Chu, Taiwan, R.O.C.

Typewritten Full Name of Third Inventor:		CHUNG-JU LEE	Citizenship:	Taiwan
Inventor's signa	ture:		Date of Signature:	
Residence:	(City)	Hsin-Chu	(State/Country)	Taiwan, ROC
Doot Office Addr	Acc.	4F No 67 Gwang-Cheng Rd Shung-Thi	Bau-Sun Village Hsin-Chi	Taiwan, R.O.C.

Atty. Dkt. No.: LAM1P152/P0692

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

			•	Attorney's Docket No. <u>LAM</u>	IP152/P0692
As a below-named in	ventor, I hereby dec	clare-that:			
My residence, post o	ffice address and ci	tizenship are as stated	below next to my name.		
plural names are list	ed below) of the su	bject matter which is	one name is listed below claimed and for which a ELECTRICS, the specific	 or an original, first and join patent is sought on the invertigation of which, 	nt inventor (if ntion entitled:
(check one)	1. 🛭 is at	ttached hereto.			
	U.S	S. Application No			
	Inte	ernational PCT Applica	ation No.		
I hereby state that amended by any ame			tents of the above-identif	fied specification, including	the claims, as
I acknowledge the of 37, CFR § 1.56.	luty to disclose info	ormation which is mate	erial to the examination o	of this application in accorda	nce with Title
Prior Foreign App	lication(s)				
for patent or invent than the United St	or's certificate, or ates, listed below	§ 365(a) of any PCT I and have identified b	international application velow, by checking the b	d) or § 365(b) of any foreign which designated at least one box, any foreign application hat of the application on when the priority Benefits	country other for patent or nich priority is
(Application No.)		ountry)	(Filing Date)	Yes No	
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(Application No.)	(Co	ountry)	(Filing Date)	Yes No	
Provisional Applie	cation(s)				
I hereby claim the l	benefit under 35 U.S	S.C. §119(e) of any Ur	nited States provisional ap	oplication(s) listed below:	
(Application No.)		(Filing Date)			
(Application No.)		(Filing Date)			

Atty. Dkt. No.: LAM1P152/P0692

Prior U.S. Application(s)

(Application No.)		(Filing Date)	(Status -)	patented, pending,	abandoned)
(Application No.)		(Filing Date)	(Status -	patented, pending	abandoned)
Power of Attorney					
And I hereby appoin Number 022434 as r Office connected the	ny principa	m of Beyer Weaver & Thomas, LLP and a storneys to prosecute this application	and all property and to t	ractitioners who a ransact all busine	re associated with the Cust ss in the Patent and Trade
Direct Corresponde	ence To:	Customer Number: (BEYER WEAVER & THOMAS P.O. Box 778 Berkeley, CA 94704-0778	S, LLP		
Direct Telephone C	alls To:	Michael Lee at telephone	number	· (831) 655-2300	
belief are believed to like so made are pur	be true; and ishable by	ents made herein of my own knowledge nd further that these statements were ma fine or imprisonment, or both, under se y jeopardize the validity of the applicati	de with tection 10	the knowledge that 01 of Title 18 of t	t willful false statements a he United States Code, an
Typewritten Full Na Sole or First Invento		CHOK W. HO	_	Citizenship:	USA
Inventor's signatur	re:			Date of Signatu	re:
Residence: (City)	Milpitas	_	(State/Country)	CA/USA
Post Office Address	:	372 Meadowhaven Way, Mil	pitas,	California	95035
					÷ .
Typewritten Full Na Second Inventor:	ame of	KUO-LUNG TANG		Citizenship:	Taiwan
		KUO-LUNG TANG Tuo-Lung Tang	_	Citizenship: Date of Signatu	

Atty. Dkt. No.: LAM1P152/P0692

Post Office Address:

(Revised 3/29/99)

9F, No. 310, Lane 1050, Ming-Hu Rd., Hsin-Chu, Taiwan, R.O.C.

Typewritten Full Name of Third Inventor:		CHUNG-JU LEE	Citizenship:	<u>Taiwan</u>
Inventor's sign	nature:		Date of Signature:	
Residence:	(City)	Hsin-Chu	(State/Country)	Taiwan, ROC
Post Office Ad	dress:	4F No. 67 Gwang-Cheng Rd.	Shung-Thi, Bau-Sun Village, Hsin-G	Chu. Taiwan. R.O.C.

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DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. <u>LAM1P152/P0692</u>

As a below-named in	ventor Thereb	v-declare-that		
45 a below-limited in	rvomior, r norco	y dooran't that.		
My residence, post o	ffice address a	nd citizenship are as stated	below next to my name.	
olural names are list	ed below) of the	ne subject matter which is	one name is listed below) or claimed and for which a pate IELECTRICS, the specification	an original, first and joint inventor (if nt is sought on the invention entitled: n of which,
(check one)	1.	is attached hereto.		
	2.	was filed on		as
		and was amended on	···	······································
	3.	was filed on		as
	٠٠ لـــا		ation No.	
		and was amended on		·
I hereby state that amended by any am			tents of the above-identified	specification, including the claims, as
I acknowledge the 37, CFR § 1.56.	duty to disclose	e information which is mat	erial to the examination of th	is application in accordance with Title
Prior Foreign App	lication(s)			
for patent or invent than the United St inventor's certifica	or's certificate ates, listed be	or § 365(a) of any PCT low and have identified b	International application which below, by checking the box,	§ 365(b) of any foreign application(s) n designated at least one country other any foreign application for patent or of the application on which priority is
claimed:				Priority Benefits Claimed?
/Auglication No.		(Country)	(Filing Date)	Yes No
(Application No.)		(Country)	(Fining Date)	
				Yes No
(Application No.)		(Country)	(Filing Date)	
Provisional Applie	cation(s)			
I hereby claim the	benefit under 3	5 U.S.C. §119(e) of any U	nited States provisional applica	ation(s) listed below:
(Application No.)		(Filing Date)	_	
(Application No.)		(Filing Date)		

Atty. Dkt. No.: LAM1P152/P0692

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, aband	doned)
(Application No.)	(Filing Date)	(Status - patented, pending, aban	doned)
Power of Attorney			
And I hereby appoint the law fi Number 022434 as my principal Office connected therewith.	rm of Beyer Weaver & Thomas al attorneys to prosecute this app	s, LLP and all practitioners who are association and to transact all business in t	ociated with the Customer he Patent and Trademark
Direct Correspondence To:	Customer Num BEYER WEAVER & T P.O. Box 7 Berkeley, CA 94	HOMAS, LLP	
Direct Telephone Calls To:	Michael Lee at tel	ephone number (831) 655-2300	
belief are believed to be true; a like so made are punishable by	nd further that these statements we fine or imprisonment, or both, u	owledge are true and that all statements were made with the knowledge that willfunder section 1001 of Title 18 of the Unpplication or any patent issuing thereon.	ul false statements and the
Typewritten Full Name of Sole or First Inventor:	СНОК W. НО	Citizenship:	USA
Inventor's signature:	····	Date of Signature:	
Residence: (City)	Milpitas	(State/Country)	CA/USA
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Typewritten Full Name of Second Inventor: Inventor's signature:	KUO-LUNG TANG	Citizenship: Date of Signature:	Taiwan
Residence: (City)	Hsin-Chu	(State/Country)	Taiwan/ROC
Post Office Address:	9F, No. 310, Lane 1050, M	ing-Hu Rd., Hsin-Chu, Taiwan, R.O.C.	

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Page 2 of 3

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Inventor's signature:		Churg-Tu LTT	Date of Signature:	Fieh. 12 101
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D. + Office Addre	2001	4F No 67 Gwang-Cheng Rd Shung	a-Thi Bau-Sun Village, Hsin-	-Chu. Taiwan, R.O.C.

Atty. Dkt. No.: LAM1P152/P0692

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: HO et al.

Attorney Docket No.:

LAM1P152D1/P0692D

Application No.: Filed Herewith

Examiner: Unassigned

Filed: Herewith

Group: Unassigned

Title: USE OF AMMONIA FOR ETCHING

ORGANIC LOW-K DIELECTRICS

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on January 21, 2004 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number ER562285880US, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Sue Funchess

ASSOCIATE POWER OF ATTORNEY

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The undersigned attorney of record in the subject patent application hereby grants an Associate Power of Attorney to add Jeffrey J. Brooks, Registration No. 35,834 and Michael Brandt, Registration No. 39,119, both of Lam Research Corporation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence for this application as follows:

Customer Number 022434 BEYER WEAVER & THOMAS, LLP P.O. Box 778 Berkeley, CA 94704-0778

Please direct any calls to Michael Lee at (831) 655-2300.

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

Michael Lee Reg. No. 31,846

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